NOAA
S 222

# GENERAL NOTES

1. SEE REF 5 FOR LIST OF NAVIGATION LIGHTS AND MODEL NUMBERS.
2. TEMPLATE SIZE AND LOCATION OF MOUNTING HOLES FROM EQUIPMENT. (5 A)
3. PAINT & FINISH TO BE IN ACCORDANCE WITH REF 8.
4. ABBREVIATIONS ARE IN ACCORDANCE WITH MIL-STD-12D.

# PARTS LIST

| ITEM NO | QTY | SIZE | DESCRIPTION | MATERIAL | SPEC NO. | PART NO. | REMARKS | UNIT WT LBS |
|---|---|---|---|---|---|---|---|---|
| 3-P (10 A) | 13 | SQ FT | PLATE 12.8# (5/16") | STEEL | A-36 | | | 12.8 |
| 8-P | 5 | ↓ | PLATE 20.4# (1/2") | ↓ | ↓ | | | 20.4 |
| 20 (1 B, 10 A) | 3.5 | LF | PIPE 2 1/2" SCH 40 | STL | A-53 | | | 5.79 |
| 21 | 34 | LF | PIPE 6" SCH 80 | STL | A-53 | | | 28.57 |
| 37 | 70 | ↓ | RND BAR 3/4" DIA | ↓ | A-36 | | | 1.5 |
| 46 | 12 | ↓ | PIPE 4" SCH 40 | ↓ | ASTM A-53 GR.B. | | | 10.79 |
| 47 | 6 | EA | THIMBLE 3/8" | GALV | COML | | | |
| 48 | 3 | EA | SHACKLE, CHAIN 3/4" | ↓ | ↓ | | | |
| 49 | 55 | LF | WIRE ROPE 3/8" DIA | ↓ | ↓ | ↓ | 6 X 19 | |
| 50 | 3 | EA | TURNBUCKLE 3/8" X 6" | ↓ | ↓ | ↓ | JAW & JAW | |
| 51 | 2 | ↓ | SHACKLE 3/8" | ↓ | ↓ | G209 | CROSBY OR EQ | |
| 52 | 2 | ↓ | BLOCK 3/8" | ↓ | ↓ | 3742T5 | MCMASTER/CARR OR EQ | |
| 53 | 6 | ↓ | SLEEVE, SWAGE | COPPER | ↓ | ↓ | FOR 3/8" DIA WIRE ROPE | |
| 54 | 2 | ↓ | CLEAT, 5" | GALV | ↓ | 689907 | DONOVAN OR EQ | |
| 55 | 80 | LF | ROPE 3/8" DIA | POLYESTER PLAITED | MIL-R-24537 | | NSN-004020-01-28-3825 | |
| 56 | 4 | EA | THIMBLE, PLASTIC ROPE 3/8" | AL-BRONZE | MIL-T-23326 | 3881T1 | MCMASTER/CARR OR EQ | |
| 57 | 4 | ↓ | SNAP HOOK, QUICK ACTING | BRASS | MIL-H-15021 TYPE 11 | | NSN-006340-275-4684 | |
| 58 | 4 | ↓ | RING,1-1/8" IDx3/16" DIA ROD | ↓ | MIL-H-15021 | | | |
| 59 (1 C, 4 B) | 7 | LF | FLAT BAR, 1/4" X 3" | STL | A-36 | | | 2.55 |
| 60 | 27.66 | LF | CLIMBER SAFETY RAIL W/HARDWARE | SST | CRES 304 | | JESSE ENGINEERING CORP OR EQ | |

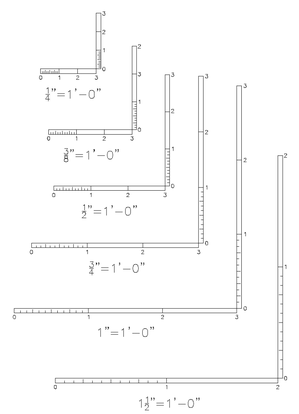
# REVISIONS

| REV | SHT | ZONE | ITEM | DESCRIPTION | DATE | BY |
|---|---|---|---|---|---|---|
| A | 3 | 17-B | 1 | ANGLED WAKE LIGHT IN ELEV. 17-B | 12/20/89 | G.M. |
| | 3 | 19-B | | AND SECT. 19-B | | |
| | 3 | 23-D | 2 | REVISED SECT. 23-D | | |
| | 1 | 8-C | 3 | ADDED GEN NOTE 2, 3 & 4 | 8/10/90 | LMc |
| | 2 | VAR | 4 | EL 13-B & 15-B: RELOC NAV LIGHTS; ADDED WIRE ROPE STAYS. | | |
| | | | 5 | DELETED DET 14-A, VIEW 16-F, SECT 10-B, 16-D, 20-B, 16-A & 17-D. | | |
| | | | 6 | ADDED DET 9-B,11-A,C,D&E; 20-B, 20-C & 20-D. | | |
| | 3 | 22-A | 7 | ELEVATION 22-A: RELOC ENSIGN STAFF FROM FR 89 TO FR 95. | | |
| | 2 | 13-B | 8 | EL 13-B: CHGD JACKSTAFF FROM 4" TO 6" SCH 80 PIPE. | | |
| | 1 | 2-B | 9 | ADDED REF 6, 7, & 8 | | |
| | 1 | 5-E,F | 10 | PARTS LIST: CHANGED QTY ITEM 3-P FROM 25 TO 18 SF, ITEM 46 FROM 55 TO 12 LF, & ITEM 37 FROM 35 TO 70 LF. ADDED ITEM 20, 21 & 47 THRU 58; DELETED ITEM NO. 31. ITEM 1-10 PER DESIGN DEVELOPMENT | | |
| B | 1 | 5-F | 1 | PARTS LIST: CHANGED QTY OF ITEM 20 FROM 3 TO 3.5. | 5/7/91 | JM/ NR |
| | 3 | 22-C | 2 | CORRECTED SECT. DESIGNATION ON EL 22-A FROM 23-B TO 23-A. ITEMS PER NAVY LTR. SER. 155.5/ T-AGS/0065 DTD. 18 JAN 91. | | |
| | 2 | 13-C-E 15-C-E | 3 | EL 13-B, SECT 15-B & PLAN VIEW 9-E ADDED INDICATION & CALLOUT FOR CLIMBER SAFETY RAIL (ITEM NO 59 & 60). RELOCATED DRESSING LINES PAD EYE & CLEAT TO CLEAR INTERFERENCE. | | |
| | 1 | 5-E | 4 | PARTS LIST: ADDED ITEM NO. 59 & 60 ITEM 5 & 4 PER ECP 033 | | |
| C | VAR | VAR | 1 | INCORP PRN 1. | 7/10/91 10/23/91 | RDO /JM |
| D | ALL | ALL | 1 | DRAWING REDONE IN CAD FORMAT. | 5/20/04 | JK |
| E | 3 | 22,23-A | 1 | REVISED LOCATION OF ENSIGN STAFF. | 9/1/04 | JK |

# REFERENCES

| NO | TITLE | DRAWING NO |
|---|---|---|
| 1 | STRL MOD ASSY NO 7 | 101-6634866 |
| 2 | STRL MOD ADDY NO 8 | 101-6634887 |
| 3 | STRL MOD ASSY NO 13 | 101-6634872 |
| 4 | BULWARK & MISC DETAILS | 151-6634890 |
| 5 | NAV LIGHTING SYS DIAG | 422-6634697 |
| 6 | MAIN MAST ARR & DET | 170-6634908 |
| 7 | SIGNAL HALYARD TYP ARR | 804-5184208 |
| 8 | PAINT SCHEDULE | 631-6634619 |

(9 A)




| SHT | DESCRIPTION |
|---|---|
| 3 | ENSIGN STAFF & DETAILS |
| 2 | JACKSTAFF |
| 1 | TITLE SHEET |

INDEX - MAST JACK STAFFS & ENSIGN STAFF (170-6634883)

**NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**
**OFFICE OF MARINE & AVIATION OPERATIONS**


Seaworthy Systems, Inc.
P.O. BOX 995
ESSEX, CT 06426
TEL: (860) 767-9081


CONTRACT # 50ABNA000032
TAR-SSI-047(04)

| | | |
|---|---|---|
| DSGN | 12/19/90 | LMc |
| DWN | 5/17/04 | JEK |
| CHK | -/-/-- | _ |
| CHK | -/-/-- | _ |

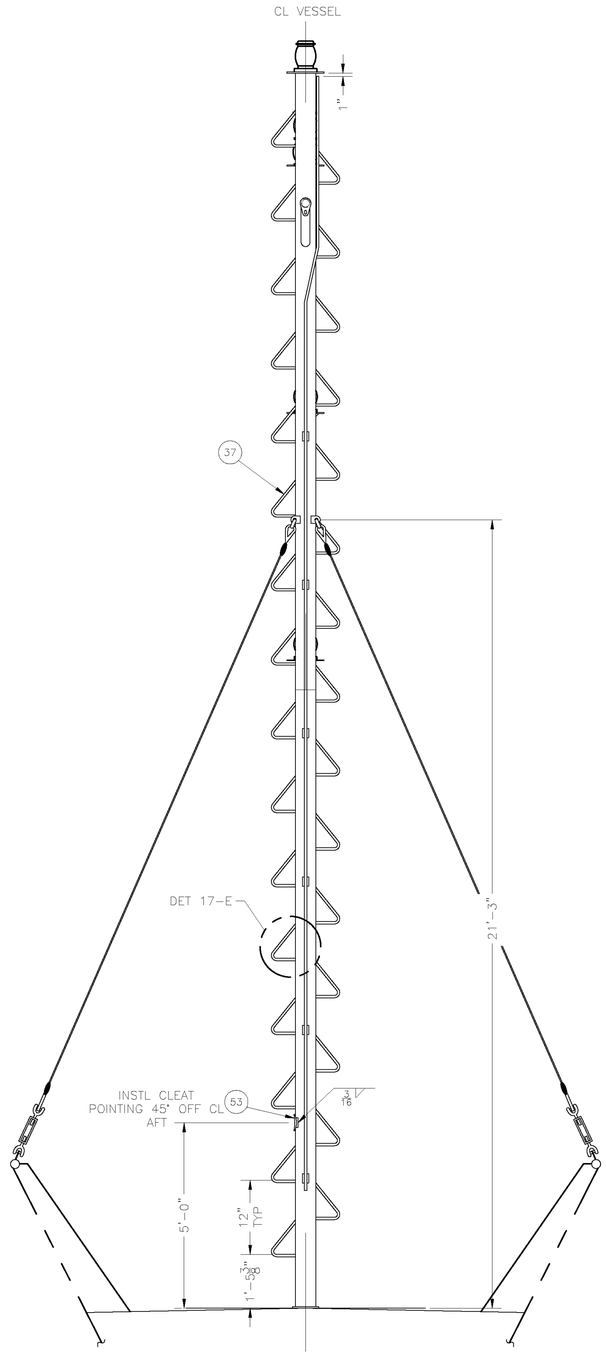
_
NOAA APPROVAL

NOAA SHIP THOMAS JEFFERSON

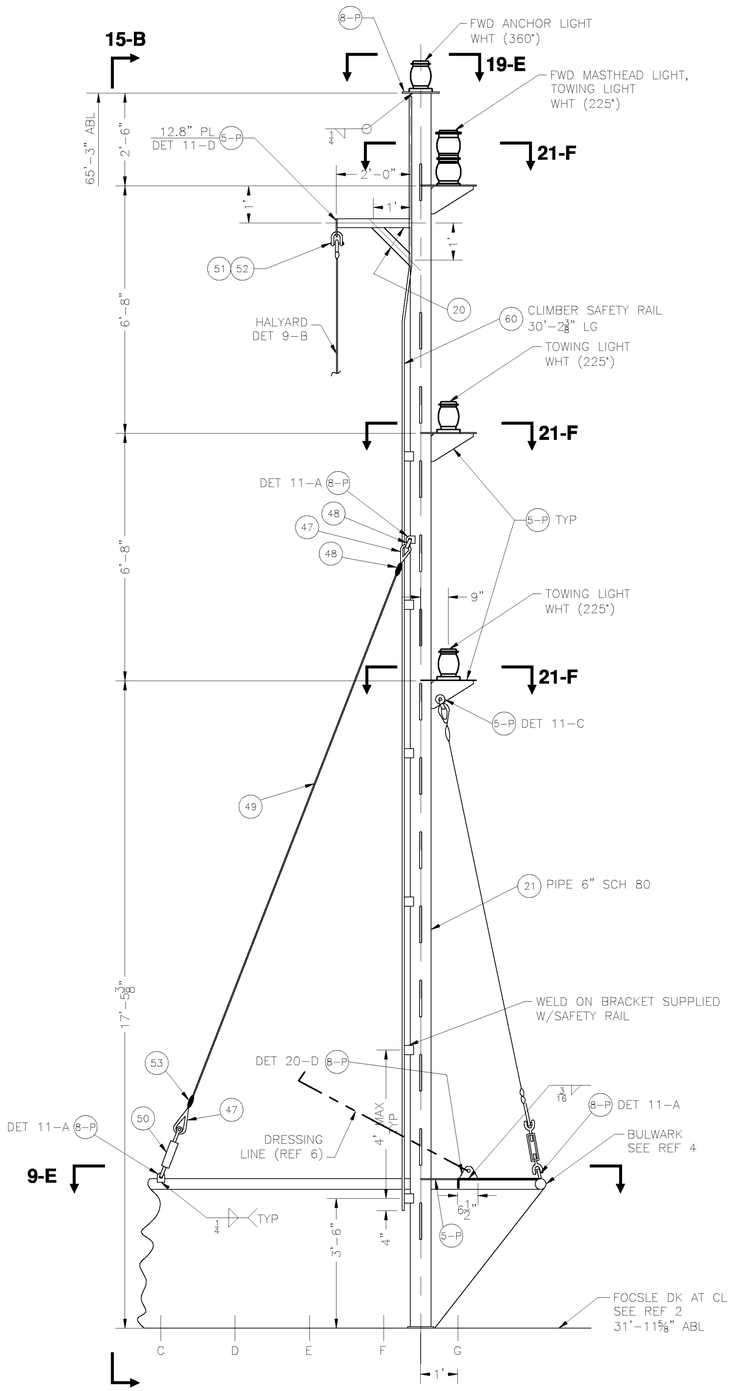
MASTS, JACK STAFFS & ENSIGN STAFFS

| SIZE | CAGE CODE | NOAA DRAWING NUMBER | REV |
|---|---|---|---|
| D | 0YLJ5 | 170-6634883 | E |

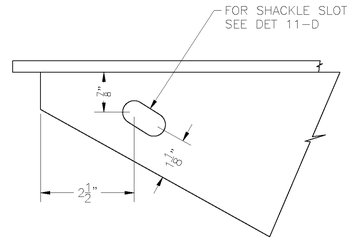
SCALE: AS SHOWN | CAD FILENAME 6634883-D | SHT 1 OF 3




**SECTION 15-B** (13-F)
JACKSTAFF LKG FWD
SCALE: 1/2" = 1'-0"
△A 4 △B 3 △C 1




**ELEVATION 13-B** △A 4,8 △B 3 △C 1
JACKSTAFF PROFILE
SCALE: 1/2" = 1'-0"




**DETAIL 11-E** (22-D) △A 6
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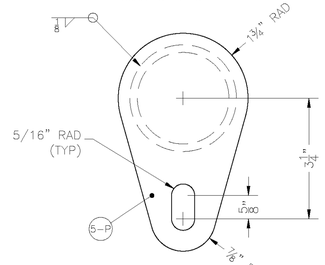


**DETAIL 11-D** (14-E) △A 6
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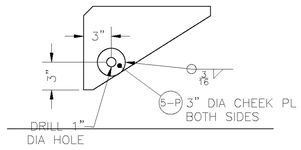
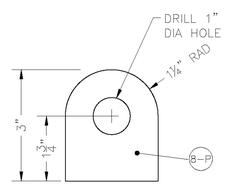
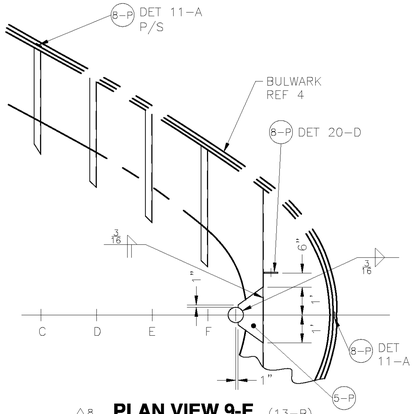


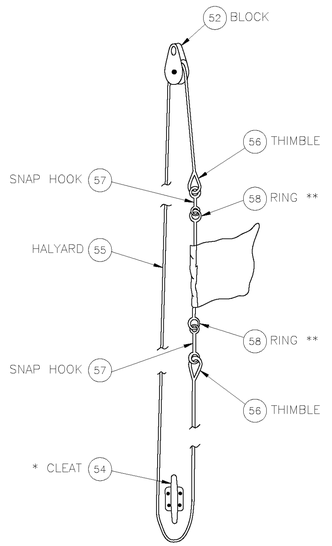

**DETAIL 11-C**
FOR INFO NOT SHOWN SEE SECT 21-E △A 6
SCALE: 1 1/2"=1'-0"




**DETAIL 11-A** (9-E) △A 6
(5 REQ'D)
N.T.S.




△B 8 **PLAN VIEW 9-E** (13-B)
SCALE 3/8"=1'-0"




**DETAIL 9-B** (13-E) (22-C) △A 6
N.T.S.
* FOR LOC OF CLEATS SEE EL 13-B & 23-A
** FOR FLAG SIZES & ADDITIONAL INFO SEE REF 7

PREPARED BY:
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| SIZE | CAGE CODE | NOAA DRAWING NUMBER | REV |
|---|---|---|---|
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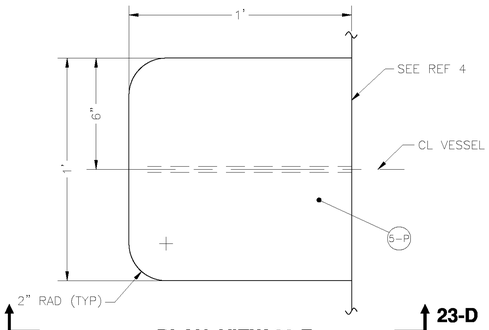
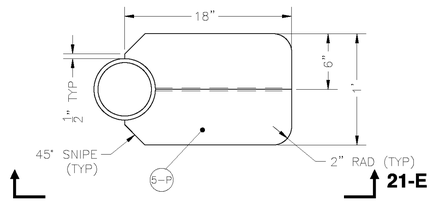
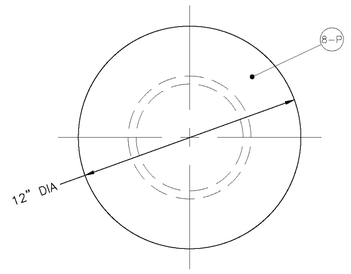
| SCALE: AS SHOWN | CAD FILENAME 6634883-D.dwg | | SHT 2 OF 3 |



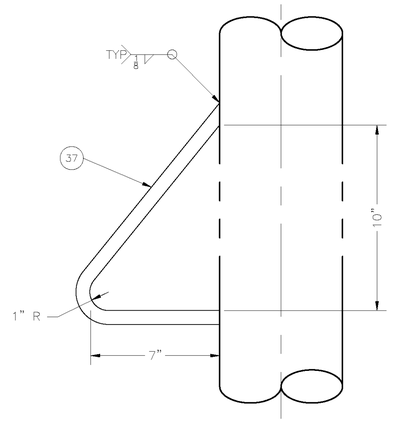

**PLAN VIEW 23-F** (18-B)
SCALE: 3"=1'-0"



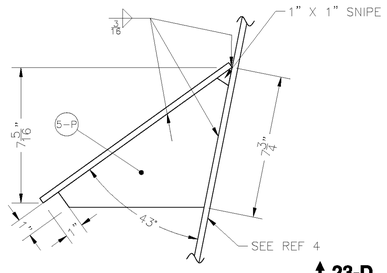

**PLAN VIEW 21-F** (12-D,12-E)
SCALE: 1-1/2"=1'-0"



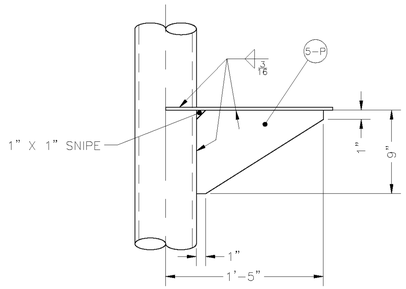

**DETAIL 19-E** (13-F)
SCALE: 3"=1'-0"



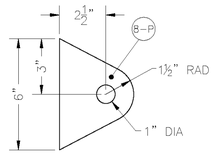

**DETAIL 17-E** (16-C,24-B)
SCALE: 3"=1'-0"




**SECTION 23-D** (23-E)
SCALE: 3"=1'-0"




**SECTION 21-E** (21-F)
SCALE: 1-1/2"=1'-0"




**DETAIL 20-D** (13-B)
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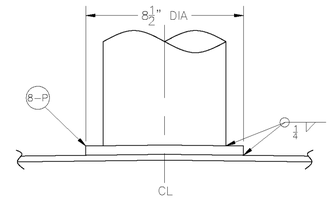
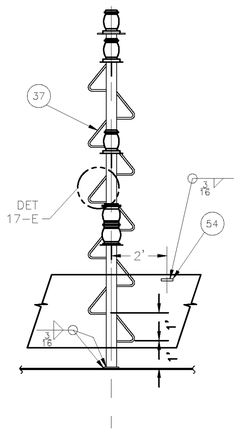
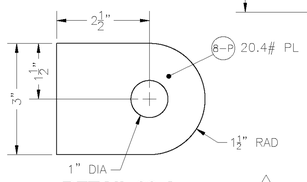


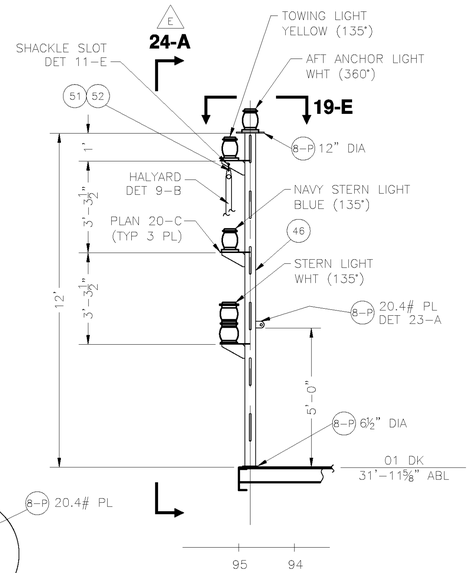

**DETAIL 19-C** (15-B)
SCALE: 3"=1'-0"



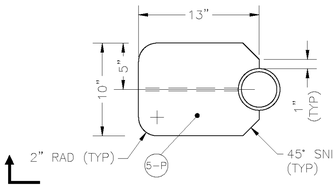

**SECTION 24-A**
SCALE: 3/8"=1'-0"
LKG FWD




**DETAIL 23-A** (22-A)
1 REQD
6"=1'-0"




**SECTION 22-A** (7A 2B E)
ENSIGN STAFF
LKG TO PORT
SCALE: 3/8" = 1'-0"




**PLAN 20-C** (22-C) (6A)
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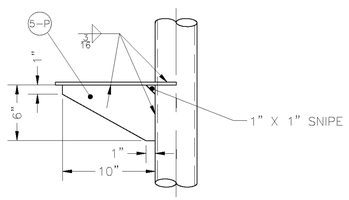


**PLAN 20-B** (20-C) (6A)
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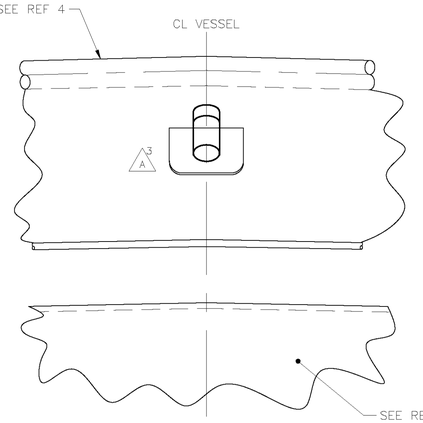
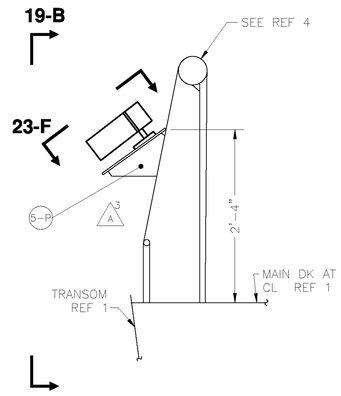



**SECTION 19-B** (17-C)
WAKE LIGHT LKG FWD
SCALE: 1"=1'-0"
1A




**ELEVATION 17-B**
WAKE LIGHT PROFILE
SCALE: 1"=1'-0"
LKG TO PORT

PREPARED BY:
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| SIZE | CAGE CODE | NOAA DRAWING NUMBER | REV |
|---|---|---|---|
| D | 0YLJ5 | 170-6634883 | E |
| SCALE: AS SHOWN | CAD FILENAME6634883-D.dwg | SHT 3 OF 3 | |